

**Table 6-13**  
**Summary of Soil Sample Analytical Results**  
**SWMU 143**

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 1	Units	HMW-11 10 04/17/92	HMW-11 15 04/17/92	HMW-11 20 04/17/92	HMW-11 25 04/19/92	HMW-11 30 04/19/92	HMW-11 37 04/19/92	143B1 5 05/04/92	143B1 10 05/04/92	143B1 15 05/04/92	143B1 20 05/04/92	143B1 25 05/04/92	143B1 30 05/04/92	143B2 10 05/04/92
<b>Metals</b>																	
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.0131	mg/kg	0.59	<0.44	1.2	1.4	4.3 [5.2]	3.9 [5.2]	0.5 [0.6]	<0.49	<0.52	1.2	2	0.91	<0.5
Barium	7440-39-3	15,600 {NMED ResSoil09}	301	mg/kg	<93	<93	<40	57	32 [30]	38 [30]	<97 [<94]	<95	<95	46	79	50	<92
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	1.37	mg/kg	<2.3	<2.3	<0.99	<0.49	<0.5 [<0.46]	<0.51 [<0.46]	<2.4 [<2.4]	<2.4	<2.4	<1.1	<0.45	<0.48	<2.3
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	2.11	mg/kg	--	--	--	--	--	--	5.3 [5]	1.1	0.95	0.07	0.046	0.016	0.027
Copper	7440-50-8	3,130 {NMED ResSoil09}	51.5	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	<23	<23	<9.9	<4.9	5.1 [6]	6.6 [6]	<24 [<24]	<24	<24	<11	<4.5	<4.8	<23
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.0293	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.09 [<0.09]	<0.1 [<0.09]	<0.09 [<0.08]	<0.09	<0.1	<0.1	<0.1	<0.1	<0.1
Selenium	7782-49-2	391 {NMED ResSoil09}	0.965	mg/kg	<0.44	<0.44	<0.47	<0.46	<0.52 [<0.57]	<0.61 [<0.57]	<0.48 [<0.52]	<0.49	<0.52	<0.54	<0.45	<0.46	<2.5
Silver	7440-22-4	391 {NMED ResSoil09}	1.57	mg/kg	<4.6	<4.7	<2	<0.98	<0.99 [<0.92]	<1 [<0.92]	<4.9 [<4.7]	<4.8	<4.8	<2.2	<0.91	<0.96	<4.6
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	682	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Other</b>																	--
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Semivolatile Organic Compounds</b>																	--
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.0214	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.0102	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	--	--	--	--	--	--	--
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	32.6	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	0.313	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.00453	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.00357	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	--	--	--	--	--	--	--
1-Chloronaphthalene	90-13-1	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	7.13	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.0713	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	0.137	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	0.912	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.0525	mg/kg	<2	<2	<2	<2	<2 [<2]	<2 [<2]	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.00156	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	--	--	--	--	--	--	--
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.0267	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	--	--	--	--	--	--	--
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene (b)	91-58-7	6,260 {NMED ResSoil09}	13.5	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	0.153	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3	--	--	--	--	--	--	--
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.00393	mg/kg	<2	<2	<2	<2	<2 [<1.7]	<2 [<2]	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--</										



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Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 1	Units	HMW-11 10 04/17/92	HMW-11 15 04/17/92	HMW-11 20 04/17/92	HMW-11 25 04/19/92	HMW-11 30 04/19/92	HMW-11 37 04/19/92	143B1 5 05/04/92	143B1 10 05/04/92	143B1 15 05/04/92	143B1 20 05/04/92	143B1 25 05/04/92	143B1 30 05/04/92	143B2 10 05/04/92
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.00000297	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.0000158	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.000365	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	--	--	--	--	--	--	
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.00111	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	--	--	--	--	--	--	
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.00111	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.00000817	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.02 [<0.02]	--	--	--	--	--	--	
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	1.27	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]	<0.1 [<0.1]	--	--	--	--	--	--	
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01 [<0.01]	--	--	--	--	--	--	
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	0.624	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	0.379	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05 [<0.05]	--	--	--	--	--	--	
Acetone	67-64-1	67,500 {NMED ResSoil09}	3.84	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]	<0.1 [<0.1]	--	--	--	--	--	--	
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.00000741	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2 [<0.2]	<0.2 [<0.2]	--	--	--	--	--	--	
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.0000819	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]	<0.1 [<0.1]	--	--	--	--	--	--	
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.00185	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	--	--	--	--	--	--	
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.000276	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.00194	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	--	--	--	--	--	--	
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	0.252	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	--	--	--	--	--	--	
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.000739	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	--	--	--	--	--	--	
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	0.901	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01 [<0.01]	--	--	--	--	--	--	
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	0.723	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.02 [<0.02]	--	--	--	--	--	--	
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.0538	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	--	--	--	--	--	--	
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.000338	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	--	--	--	--	--	--	
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	5.42	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01 [<0.01]	--	--	--	--	--	--	
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.000468	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	--	--	--	--	--	--	
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.00418	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01 [<0.01]	--	--	--	--	--	--	
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.0943	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	--	--	--	--	--	--	
Cymene	99-87-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.0777	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.02 [<0.02]	--	--	--	--	--	--	
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.0107	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	--	--	--	--	--	--	
Ethanol	64-17-5	--	--	mg/kg	<1	<1	<1	<1	<1 [<1]	<1 [<1]	--	--	--	--	--	--	
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	0.67	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.02 [<0.02]	--	--	--	--	--	--	
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.0146	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	--	--	--	--	--	--	
Iodomethane	74-88-4	--	--	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.02 [<0.02]	--	--	--	--	--	--	
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	0.986	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	1.23	mg/kg	--	--	--	--</									







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<b>Metals</b>																
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.0131	mg/kg	11.6	2.97	3.78	5.65	<3.09	8.83	3.77	<2.57	3.51	3.42	<3.34	<3.12
Barium	7440-39-3	15,600 {NMED ResSoil09}	301	mg/kg	104	67.1	124	217	39.6	104	196	25.7	97.8	102	77.4	47.4
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	1.37	mg/kg	<1.33	<1.18	<1.19	<1.27	<1.23	<1.28	<1.12	<1.03	<3.06	<6.08	<6.68	<6.23
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	16	<6.83 J	<15.4 J	26.6	<1.24	9.15	20.1	<1.03	<15.3	<30.4	<33.4	<31.2
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	2.11	mg/kg	--	--	--	--	<6.17	--	--	<5.15	<1.22	<1.22	<1.34	<1.25
Copper	7440-50-8	3,130 {NMED ResSoil09}	51.5	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	9.99	6.35	12.1	14.5	4.25	12.8	14.6	3.91	6	<3.04	<3.34	3.65
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.0293	mg/kg	<0.0267	<0.0236	<0.0238	<0.0254	<0.0247	<0.0258	<0.0224	<0.0206	<0.0244	<0.0243	<0.0267	0.0474
Selenium	7782-49-2	391 {NMED ResSoil09}	0.965	mg/kg	<3.33	<2.94	<2.97	<3.17	<3.09	<3.22	<2.8	<2.57	<3.06	<3.04	<3.34	<3.12
Silver	7440-22-4	391 {NMED ResSoil09}	1.57	mg/kg	17.3	13	<5.95	<6.33	<6.17	<6.41	<5.62	<5.15	<15.3	35.3	74.8	<31.2
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	682	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
<b>Other</b>																
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--	--	--	--	--	--	--
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
<b>Semivolatile Organic Compounds</b>																
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.0214	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.0102	mg/kg	<0.44	<0.389	<0.392	<0.419	<0.408	<0.425	<0.369	<0.34	<0.403	<0.401 [<0.426]	<0.44	<0.411
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	32.6	mg/kg	<0.44	<0.389	<0.392	<0.419	<0.408	<0.425	<0.369	<0.34	<0.403	<0.401 [<0.426]	<0.44	<0.411
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	0.313	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.00453	mg/kg	<2.134	<1.88665	<1.9012	<2.03215	<1.9788	<2.06125	<1.78965	<1.649	<1.95455	<1.94485 [<2.07]	<2.134	<1.99335
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.00357	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.44	<0.389	<0.392	<0.419	<0.408	<0.425	<0.369	<0.34	<0.403	<0.401 [<0.426]	<0.44	<0.411
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	7.13	mg/kg	<0.44	<0.389	<0.392	<0.419	<0.408	<0.425	<0.369	<0.34	<0.403	<0.401 [<0.426]	<0.44	<0.411
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.0713	mg/kg	<0.44	<0.389	<0.392	<0.419	<0.408	<0.425	<0.369	<0.34	<0.403	<0.401 [<0.426]	<0.44	<0.411
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	0.137	mg/kg	<0.44	<0.389	<0.392	<0.419	<0.408	<0.425	<0.369	<0.34	<0.403	<0.401 [<0.426]	<0.44	<0.411
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	0.912	mg/kg	<0.44	<0.389	<0.392	<0.419	<0.408	<0.425	<0.369	<0.34	<0.403	<0.401 [<0.426]	<0.44	<0.411
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.0525	mg/kg	<2.134	<1.88665	<1.9012	<2.03215	<1.9788	<2.06125	<1.78965	<1.649	<1.95455	<1.94485 [<2.07]	<2.134	<1.99335
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.00156	mg/kg	<0.44	<0.389	<0.392	<0.419	<0.408	<0.425	<0.369	<0.34	<0.403	<0.401 [<0.426]	<0.44	<0.411
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.0267	mg/kg	<0.44	<0.389	<0.392	<0.419	<0.408	<0.425	<0.369	<0.34	<0.403	<0.401 [<0.426]	<0.44	<0.411
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	13.5	mg/kg	<0.44	<0.389	<0.392	<0.419	<0.408	<0.425	<0.369	<0.34	<0.403	<0.401 [<0.426]	<0.44	<0.411
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	0.153	mg/kg	<0.44	<0.389	<0.392	&lt								



Table 6-13  
Summary of Soil Sample Analytical Results  
SWMU 143

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 1	Units	HMW-43 18 11/17/93	HMW-43 38 11/17/93	HMW-39 38 11/19/93	HMW-42 78 11/19/93	HMW-38 60 11/22/93	HMW-43 59 11/22/93	HMW-39 40 11/23/93	HMW-39 58 11/23/93	SWMU 148 SB-01 1 11/29/93	SWMU 148 SB-04 4 11/29/93	SWMU 148 SB-08 8 11/29/93	SWMU 148 SB-01 1 11/29/93
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.00000297	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.0000158	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.000365	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.00111	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.00111	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.00000817	mg/kg	<0.01334	<0.01178	<0.01188	<0.01268	<0.01236 J	<0.01288	<0.01118	<0.0103	<0.01222	0.01222 [<0.0129]	<0.01336	<0.01246
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	1.27	mg/kg	<0.02668	<0.02356	<0.02376	<0.02536	<0.02472 J	<0.02576	<0.02236	<0.0206	<0.02444	0.02444 [<0.0258]	<0.02672	<0.02492
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01334	<0.01178	<0.01188	<0.01268	<0.01236 J	<0.01288	<0.01118	<0.0103	<0.01222	0.01222 [<0.0129]	<0.01336	<0.01246
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	0.624	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	0.379	mg/kg	<0.02668	<0.02356	<0.02376	<0.02536	<0.02472 J	<0.02576	<0.02236	<0.0206	<0.02444	0.02444 [<0.0258]	<0.02672	<0.02492
Acetone	67-64-1	67,500 {NMED ResSoil09}	3.84	mg/kg	<0.02668	<0.02356	<0.02376	<0.02536	<0.02472 J	<0.02576	<0.02236	<0.0206	<0.02444	0.02444 [<0.0258]	<0.02672	<0.02492
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.00000741	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.0000819	mg/kg	<0.01334	<0.01178	<0.01188	<0.01268	<0.01236 J	<0.01288	<0.01118	<0.0103	<0.01222	0.01222 [<0.0129]	<0.01336	<0.01246
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.00185	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.000276	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.00194	mg/kg	<0.01334	<0.01178	<0.01188	<0.01268	<0.01236 J	<0.01288	<0.01118	<0.0103	<0.01222	0.01222 [<0.0129]	<0.01336	<0.01246
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	0.252	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.000739	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	0.901	mg/kg	<0.01334	<0.01178	<0.01188	<0.01268	<0.01236 J	<0.01288	<0.01118	<0.0103	<0.01222	0.01222 [<0.0064]	<0.01336	<0.01246
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	0.723	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.0538	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.000338	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	5.42	mg/kg	<0.01334	<0.01178	<0.01188	<0.01268	<0.01236 J	<0.01288	<0.01118	<0.0103	<0.01222	0.01222 [<0.0129]	<0.01336	<0.01246
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.000468	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.00418	mg/kg	<0.01334	<0.01178	<0.01188	<0.01268	<0.01236 J	<0.01288	<0.01118	<0.0103	<0.01222	0.01222 [<0.0129]	<0.01336	<0.01246
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.0943	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0.00623
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00667	<0.00589	<0.00594	<0.00634	<0.00618 J	<0.00644	<0.00559	<0.00515	<0.00611	0.00611 [<0.0064]	<0.00668	<0

**Table 6-13**  
**Summary of Soil Sample Analytical Results**  
**SWMU 143**

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 1	Units	SWMU 148 SB-04 11/29/93	SWMU 148 SB-09 11/29/93	0143SB01 0 11/30/93	0143SB01 4 11/30/93	0143SB01 9 11/30/93	0143SB02 4 11/30/93	0143SB02 9 11/30/93	0143SB03 0 11/30/93	0143SB03 4 11/30/93	0143SB03 9 11/30/93
<b>Metals</b>														
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.0131	mg/kg	3.46	<3.47	--	--	--	--	--	--	--	--
Barium	7440-39-3	15,600 {NMED ResSoil09}	301	mg/kg	70.5	94.3	--	--	--	--	--	--	--	--
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	1.37	mg/kg	<6.08	<6.93	--	--	--	--	--	--	--	--
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<30.4	<34.7	<1.19 J	<6.23	<6.59	<6.45	<6.47	<5.75	<6.19	<6.68
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	2.11	mg/kg	<1.22 J	<1.39	<5.96	<1.25	<1.32	<1.29	<1.29	<1.15	<1.24	<1.34
Copper	7440-50-8	3,130 {NMED ResSoil09}	51.5	mg/kg	--	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	6.63	4.2	--	--	--	--	--	--	--	--
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.0293	mg/kg	<0.0243	<0.0277	--	--	--	--	--	--	--	--
Selenium	7782-49-2	391 {NMED ResSoil09}	0.965	mg/kg	<3.04	<3.47	--	--	--	--	--	--	--	--
Silver	7440-22-4	391 {NMED ResSoil09}	1.57	mg/kg	<30.4	<34.7	--	--	--	--	--	--	--	--
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	682	mg/kg	--	--	--	--	--	--	--	--	--	--
<b>Other</b>														
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--	--	--	--	--
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
<b>Semivolatile Organic Compounds</b>														
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.0214	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.0102	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	32.6	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	0.313	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.00453	mg/kg	<1.94485	<2.2213	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.00357	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	7.13	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.0713	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	0.137	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	0.912	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.0525	mg/kg	<1.94485	<2.2213	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.00156	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.0267	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	13.5	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	0.153	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.00393	mg/kg	<1.94485	<2.2213	--	--	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	--	--	mg/kg	<1.94485	<2.2213	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.017	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	0.185	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	--	--	mg/kg	<1.94485	<2.2213	--	--	--	--	--	--	--	--
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.401	<0.458	--	--	--	--	--	--	--	--
4-Dimethylaminoazobenzene	60-11-7	--</td												



**Table 6-13**  
**Summary of Soil Sample Analytical Results**  
**SWMU 143**

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 1	Units	SWMU 148 SB-04 11/29/93	SWMU 148 SB-09 11/29/93	0143SB01 0 11/30/93	0143SB01 4 11/30/93	0143SB01 9 11/30/93	0143SB02 4 11/30/93	0143SB02 9 11/30/93	0143SB03 0 11/30/93	0143SB03 4 11/30/93	0143SB03 9 11/30/93
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.00000297	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.0000158	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.000365	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.00111	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.00111	mg/kg	--	--	--	--	--	--	--	--	--	--
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.00000817	mg/kg	<0.01216	<0.01386	--	--	--	--	--	--	--	--
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	1.27	mg/kg	<0.02432	<0.02772	--	--	--	--	--	--	--	--
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01216	<0.01386	--	--	--	--	--	--	--	--
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	0.624	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	0.379	mg/kg	<0.02432	<0.02772	--	--	--	--	--	--	--	--
Acetone	67-64-1	67,500 {NMED ResSoil09}	3.84	mg/kg	<0.02432	<0.02772	--	--	--	--	--	--	--	--
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.00000741	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.0000819	mg/kg	<0.01216	<0.01386	--	--	--	--	--	--	--	--
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.00185	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.000276	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.00194	mg/kg	<0.01216	<0.01386	--	--	--	--	--	--	--	--
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	0.252	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.000739	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	0.901	mg/kg	<0.01216	<0.01386	--	--	--	--	--	--	--	--
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	0.723	mg/kg	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.0538	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.000338	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	5.42	mg/kg	<0.01216	<0.01386	--	--	--	--	--	--	--	--
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.000468	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.00418	mg/kg	<0.01216	<0.01386	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.0943	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Cymene	99-87-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.0777	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.0107	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	0.67	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.0146	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Iodomethane	74-88-4	--	--	mg/kg	<0.01216	<0.01386	--	--	--	--	--	--	--	--
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	0.986	mg/kg	--	--	--	--	--	--	--	--	--	--
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	1.23	mg/kg	--	--	--	--	--	--	--	--	--	--
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02432	<0.02772	--	--	--	--	--	--	--	--
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	1.38	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.0229	mg/kg	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	104-51-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	103-65-1	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	1.23	mg/kg	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	135-9-88	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	1.56	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	98-06-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.000449	mg/kg	<0.00608	<0.00693	--	--	--	--	--	--	--	--
Trans-1														

**Table 6-13**  
**Summary of Soil Sample Analytical Results**  
**SWMU 143**

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 1	Units	0143SB04 0 11/30/93	0143SB04 4 11/30/93	0143SB04 9 11/30/93	0143SB05 1 11/30/93	0143SB05 4 11/30/93	0143SB05 9 11/30/93	0143SB06 1 11/30/93	0143SB06 4 11/30/93	0143SB06 9 11/30/93	HMW-47 79 12/07/93
<b>Metals</b>														
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.0131	mg/kg	--	--	--	--	--	--	--	--	--	11.7
Barium	7440-39-3	15,600 {NMED ResSoil09}	301	mg/kg	--	--	--	--	--	--	--	--	--	185
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	1.37	mg/kg	--	--	--	--	--	--	--	--	--	<5.81
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<5.97	<6.44	<6.51	<6.26	<16.1	<16.3	<13.5	<15.3	<6.56	<1.16
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	2.11	mg/kg	<1.19	<1.29	<1.3	<1.25	<1.29	<1.3	<1.08	<1.22	<1.31	<29
Copper	7440-50-8	3,130 {NMED ResSoil09}	51.5	mg/kg	--	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	17.5
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.0293	mg/kg	--	--	--	--	--	--	--	--	--	<0.0232
Selenium	7782-49-2	391 {NMED ResSoil09}	0.965	mg/kg	--	--	--	--	--	--	--	--	--	4.39
Silver	7440-22-4	391 {NMED ResSoil09}	1.57	mg/kg	--	--	--	--	--	--	--	--	--	<29
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	682	mg/kg	--	--	--	--	--	--	--	--	--	--
<b>Other</b>														
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--	--	--	--	--
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
<b>Semivolatile Organic Compounds</b>														
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.0214	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.0102	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	32.6	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	0.313	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.00453	mg/kg	--	--	--	--	--	--	--	--	--	<1.85755
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.00357	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
1-Chloronaphthalene	90-13-1	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	7.13	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.0713	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	0.137	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	0.912	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.0525	mg/kg	--	--	--	--	--	--	--	--	--	<1.85755
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.00156	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.0267	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	13.5	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	0.153	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.00393	mg/kg	--	--	--	--	--	--	--	--	--	<1.85755
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<1.85755
2-Nitrophenol	88-75-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.017	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	0.185	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<1.85755
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.383
4-Nitrophenol	100-02-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<1.85755
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	--	--	--							



Table 6-13  
Summary of Soil Sample Analytical Results  
SWMU 143

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 1	Units	0143SB04 0 11/30/93	0143SB04 4 11/30/93	0143SB04 9 11/30/93	0143SB05 1 11/30/93	0143SB05 4 11/30/93	0143SB05 9 11/30/93	0143SB06 1 11/30/93	0143SB06 4 11/30/93	0143SB06 9 11/30/93	HMW-47 79 12/07/93
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.00000297	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.0000158	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.000365	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.00111	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.00111	mg/kg	--	--	--	--	--	--	--	--	--	--
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.00000817	mg/kg	--	--	--	--	--	--	--	--	--	<0.01162
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	1.27	mg/kg	--	--	--	--	--	--	--	--	--	<0.02324
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.01162
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	0.624	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	0.379	mg/kg	--	--	--	--	--	--	--	--	--	<0.02324
Acetone	67-64-1	67,500 {NMED ResSoil09}	3.84	mg/kg	--	--	--	--	--	--	--	--	--	<0.02324
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.00000741	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.0000819	mg/kg	--	--	--	--	--	--	--	--	--	<0.01162
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.00185	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.0000276	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.00194	mg/kg	--	--	--	--	--	--	--	--	--	<0.01162
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	0.252	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.0000739	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	0.901	mg/kg	--	--	--	--	--	--	--	--	--	<0.01162
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	0.723	mg/kg	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.0538	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.0000338	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	5.42	mg/kg	--	--	--	--	--	--	--	--	--	<0.01162
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.0000468	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.00418	mg/kg	--	--	--	--	--	--	--	--	--	<0.01162
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.0943	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Cymene	99-87-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.0777	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	0.67	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.0146	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Iodomethane	74-88-4	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.01162
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	0.986	mg/kg	--	--	--	--	--	--	--	--	--	--
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	1.23	mg/kg	--	--	--	--	--	--	--	--	--	--
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.02324
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	1.38	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.0229	mg/kg	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	104-51-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	103-65-1	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	1.23	mg/kg	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	135-9-88	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	1.56	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	98-06-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.000449	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.0301	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	0.604	mg/kg	--	--	--	--	--	--	--	--	--	<0.00581
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.0053</											



**Table 6-13**  
**Summary of Soil Sample Analytical Results**  
**SWMU 143**

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 1	Units	DRW-09 32 - 34 04/01/97	DRW-09 34 - 36 04/01/97	DRW-09 58 - 60 04/01/97	DRW-10 36 - 38 04/03/97	DRW-10 38 - 40 04/03/97	DRW-10 54 - 56 04/03/97	HLSF-SB-022 10 - 11 11/03/06	HLSF-SB-022 20 - 22 11/03/06	HLSF-SB-022 31 - 32 11/03/06	HLSF-SB-022 40 - 41 11/03/06	HLSF-SB-022 49 - 50 11/03/06	HLSF-SB-024 10 - 11 11/06/06
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	0.32	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	0.109	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	1.11	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	10.9	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.0000233	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.00256	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	11.9	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	0.362	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Dibenzofuran	132-64-9	--	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	10.6	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	83.6	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	8.63	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Diphenylhydrazine	38622-18-3	--	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	155	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Fluorene	86-73-7	2,290 {NMED ResSoil09}	25	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.0147	mg/kg	<0.0062	<0.0063	<0.0064	<0.0062	<0.0063	<0.0061	<0.05	<0.05 [<0.25]	<0.05	<0.05	<0.05	<0.05
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.00221	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	0.613	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.0193	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	3.7	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
m,p-Cresol	1319-77-3	--	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.0062	<0.0063	<0.0064	<0.0062	<0.0063	<0.0061	<0.01	<0.01 [<0.25]	<0.01	<0.01	<0.01	<0.01
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.00000304	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.00419	mg/kg	<0.0062	<0.0063	<0.0064	<0.0062	<0.0063	<0.0061	<0.05	<0.05 [<0.25]	<0.05	<0.05	<0.05	<0.05
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.00686	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.0000648	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	1.29	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	--	--	--	--	--	--	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25
p-Chloroaniline																



**Table 6-13**  
**Summary of Soil Sample Analytical Results**  
**SWMU 143**

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 1	Units	HLSF-SB-024	HLSF-SB-024	HLSF-SB-024	HLSF-SB-024	HLSF-SB-026	HLSF-SB-026	HLSF-SB-026	HLSF-SB-026	HLSF-SB-026	HLSF-SB-026	HLSF-SB-023	HLSF-SB-023	HLSF-SB-023
					20 - 21 11/06/06	30 - 31 11/06/06	40 - 41 11/06/06	49 - 50 11/06/06	10 - 11 11/06/06	20 - 21 11/06/06	30 - 32 11/06/06	40 - 41 11/06/06	49 - 50 11/06/06	10 - 11 11/07/06	20 - 21 11/07/06	30 - 31 11/07/06	40 - 41 11/07/06
<b>Metals</b>																	
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.0131	mg/kg	4.05	<2	<2	<2	<2	<2 / 6.59	<2	<2	<2	<2	<2	<2	
Barium	7440-39-3	15,600 {NMED ResSoil09}	301	mg/kg	173	59	56.6	90.9	22.3	472	101 [300]	121	113	30.7	156	38.2	36.1
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	1.37	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	15.1	4.95	7.4	11.9	3.81	8.38	9.15 [11.5]	15.6	8.49	1.54	14.5	5.31	3.44
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	2.11	mg/kg	<5	<5	<5	<5	<5	<5 / <5	<5	<5	<5	<5	<5	<5	
Copper	7440-50-8	3,130 {NMED ResSoil09}	51.5	mg/kg	11.7	4.03	5.73	11.6	2.08	6.09	7.31 [11.7]	13.1	9.1	1.16	12.7	4.1	3.07
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	31.8	11.2	13.9	20.9	2.92	20.2	17.8 [22.5]	30.1	20.9	2.21	34.2	10.2	7.48
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.0293	mg/kg	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04 / <0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
Selenium	7782-49-2	391 {NMED ResSoil09}	0.965	mg/kg	<1	<1	<1	<1	<1	<1 / <1	<1	<1	<1	<1	<1	<1	
Silver	7440-22-4	391 {NMED ResSoil09}	1.57	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 / <0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Sodium	7440-23-5	--	--	mg/kg	1,290	633	1,190	10,200	980	735	960 [1,170]	7,100	7,590	870	1,290	760	365
Zinc	7440-66-6	23,500 {NMED ResSoil09}	682	mg/kg	40.2	13.3	21.6	39	5.52	17.9	30.5 [36.5]	47.3	30.1	3.88	45.1	18.6	13.4
<b>Other</b>																	
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	<25	<25	<25	<25	<25	<25 / <25	<25	<25	<25	<25	<25	<25	
Fractional Organic Carbon	FOC	--	--	%	4.54	2.2	1.21	4.71	4.9	3.25	2.44 [3.1]	2.97	3.25	3.89	4.77	1	0.659
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	91	92	83	88	90	97	86	90	78	86	90	94	81
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	3.2	2.5	1.1	12.6	1.15	1.44	1.31 [1.12]	30.7	24.8	5.82	21.9	14	2.36
Phosphorus	7723-14-0	--	--	mg/kg	250	154	260	285	84.1	166	328 [278]	310	280	35.5	300	150	156
<b>Semivolatile Organic Compounds</b>																	
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.0214	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 / <0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.0102	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 / <0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	32.6	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 / <0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	0.313	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 / <0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.00453	mg/kg	--	--	--	--	--	-- / --	--	--	--	--	--	--	
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.00357	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 / <0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 / <0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 / <0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
1-Naphthylamine	134-32-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 / <0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	7.13	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 / <0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.0713	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 / <0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	0.137	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 / <0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	0.912	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 / <0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.0525	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 / <0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.00156	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 / <0.25	<0.25	<0.25	<0.25	<0.25			









**Table 6-13**  
**Summary of Soil Sample Analytical Results**  
**SWMU 143**

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 1	Units	HLSF-SB-023 49 - 50 11/07/06	HLSF-SB-028 15 - 16 11/13/06	HLSF-SB-028 20 - 21 11/13/06	HLSF-SB-028 30 - 31 11/13/06	HLSF-SB-028 40 - 41 11/13/06	HLSF-SB-028 49 - 50 11/13/06
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.00000297	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.0000158	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.000365	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.00111	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.00111	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.00000817	mg/kg	--	--	--	--	--	--
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.0107	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane	594-20-7	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	1.27	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	0.624	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	0.379	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	67-64-1	67,500 {NMED ResSoil09}	3.84	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.00000741	mg/kg	--	--	--	--	--	--
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.0000819	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.00185	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.000276	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.00194	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	0.252	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.000739	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	0.901	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	0.723	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.0538	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobromomethane	74-97-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.000338	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	5.42	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.000468	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.00418	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.0943	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cymene	99-87-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.0777	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.0107	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	0.67	mg/kg	--	--	--	--	--	--
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.0146	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iodomethane	74-88-4	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	0.986	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	1.23	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	1.38	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.0229	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Butylbenzene	104-51-8	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Propylbenzene	103-65-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	1.23	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
sec-Butylbenzene	135-9-88	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	1.56	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
tert-Butylbenzene	98-06-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.000449	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.0301	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	&lt					

Table 6-13  
Summary of Soil Sample Analytical Results  
SWMU 143  
Notes

Lab Qualifiers	Definition
U	Constituent was not detected at the sample quantitation limit shown.
UJ	Estimated value below detection limit.
Analyte Abbreviation	Full Name
>C10-C28	Diesel Range Organics (>C10-C28) in the carbon 10 (C10) to carbon 28 (C28) range.
Acronym/Note	Description
All	All data reported before 2009 were collected by others and the data were provided to ARCADIS by White Sands Missile Range.
--	The sample was not tested for this constituent and/or no data were available.
U	Laboratory report flag indicating that the constituent was not detected at the sample quantitation limit shown.
<b>1.7</b>	Yellow highlight indicates that the reported result exceeds the published SSLs. If the result is preceded by "<", the constituent was not detected, but the reported sample quantitation limit exceeds the SSL.
<i>1.9</i>	Italics indicates that the reported result exceeds the NMED DAF 20 screening value. If the result is preceded by "<", constituent was not detected, but the reported sample quantitation limit exceeds the DAF 20 value.
[<0.005]	Brackets indicate that the result shown is from a duplicate field sample.
CAS	Chemical Abstract Service.
DAF 20	NMED Dilution Attenuation Factor from Table A-1, December 2009 Update to Technical Background Document for Development of Soil Screening Levels, Revision 5.0. NMED Hazardous Waste Bureau and Ground Water Quality Bureau, Voluntary Remediation Program. August 2009. DAF 20 indicates a Dilution Attenuation Factor of 20 was used.
EPA	United States Environmental Protection Agency.
EPA ResSoil09	USEPA Residential Screening Level from <i>USEPA Regional Screening Levels</i> ( <a href="http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm">http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm</a> ). 2009.
mg/kg	Milligram per kilogram.
NMED	New Mexico Environment Department.
NMED ResSoil09	NMED Residential Soil Screening Level from Table A-1, December 2009 Update to Technical Background Document for Development of Soil Screening Levels, Revision 5.0. NMED Hazardous Waste Bureau and Ground Water Quality Bureau, Voluntary Remediation Program. August 2009.
SSL	Soil Screening Level